

# Y-12

# Y-12



6-11069

## Year 'round Safety







PART OF THE EYE PROTECTION available to Y-12 employees wherever required are shown arrayed in line for use. From left are chipper and grinder goggles, plain safety glasses, safety glasses with side shields, industrial products face shield (which protects the eyes and face from splash and small particles), chemical soft side cover goggles, and welder's goggles. Other special equipment is available for out-of-the-ordinary jobs.

## Use Of Proper Equipment May Save Employee's Most Priceless Possession... His Eyesight

Last year, 30,000 Americans entered a world of darkness. Countless others came close to entering, for eye injuries happened in industry at the rate of every 30 seconds! Even as the above sentence was written, at least one worker in this country sustained a serious injury in or about the eyes.

Blindness is described as one of the most drastic psychological shocks the human being is asked to endure. Rehabilitation is long and full of effort.

Imagine complete blindness for a moment. You arise in the morning, grope your way to the window, turn your face toward the sun... and try to remember what it was like.

You shave an unseen face, clothe an unseen body, comb unseen hair, eat an unseen breakfast. You feel, listen, sense your way through every day. You eat an unseen supper, you talk to unseen loved ones. Then you retire, after a sightless day, thinking for the hundredth time that there are no lights to be turned off. Your eyelids close and the blackness of day continues into the blackness of night.

### Childhood Experiment

Remember as a child when you were blindfolded, or closed your eyes and tried to find your way out of a room? Just close your eyes for a half a minute and see how far you could walk from the room without hitting something.

Human eyes have often been described as the windows to life. Yet, they are delicate instruments that demand constant, cautious care. Much of the work done in Y-12 presents hazards to the eyes not ordinarily encountered in everyday activities. These unusual hazards, of course, demand special attention.

Masks, safety glasses, goggles, shields of every description are made available to every employee without cost where needed. No effort is stinted in providing the latest and best eye protective equipment in any part of the plant.

Special types of work, such as welding, brazing or chipping, require special equipment. Using grinding tools requires safety goggles to keep flying bits of metal or emery away from the eyes.

### Causes Of Accidents

Eye accidents, as most types of

mishaps, are usually the result of carelessness, or the failure to use proper protective equipment. One of the big disadvantages of eye injuries, also, is their permanence. Damage to any part of the eye is so often irreparable.

It is conservatively estimated that since the inception of safety glasses, thousands of employees are still enjoying good eye sight that otherwise could be totally blind. "Wise Old Owl" clubs, or employees who have had their eyes saved by the correct protective equipment, are in evidence in companies throughout the country.

### Remember Darkness!

The next time you even consider entering an area without safety glasses where they are required, using a grinding wheel without safety goggles, or taking any kind of chance as far as your eyes are concerned... remember, the two eyes you have now are all you will ever get. When they are gone, you are left in complete darkness. Remember the game played as a child... remember the blank nothingness that you encountered just by closing your eyes. Try to imagine this as a permanent condition. Think of experiencing midnight at noon... and at your every conscious moment!

A sobering thought like any of the above should prompt anyone into securing the proper safety equipment designed to safeguard the eyes. Use them wherever they are required... use them automatically, as you would automatically go to lunch every day... use them at all times in areas where danger to the eyes lurks.

### EXPENSIVE JOHN HENRYS

A genuine signature of Christopher Columbus is valued at about \$50,000 on the open market. George Washington's signature sells for about \$25,000, while Napoleon's John Henry goes for \$50.

## Next Monday Is Labor Day; Official Holiday

Next Monday, September 3, will be an official holiday for Y-12ers, as the Nation celebrates Labor Day. Next week's Bulletin will be delayed by one day, since the printing plant where the paper is published will also observe a holiday.

Labor Day is the oldest national holiday now observed by Americans. It recognizes the glory and honor that accompany labor.

## Y-12 Chalks Up 80,000,000 Safe Man-Hours Over Fourteen Years

Program That Accomplished 30 Safe Working Periods Includes Participation By Everyone

More than 80,000,000 man-hours without a lost-time accident? Impossible? Not at all. Y-12 has accomplished this feat during the past 14 years. These are broken, however, into 30 different periods, eight of which were over 1,500,000 man-hours; 14 over 2,000,000 man-hours; six over 3,000,000; one over 5,000,000; and one over 10,000,000.

These accident-free periods did not come accidentally either. Each one of them came as a concerted effort from every individual in the plant. There are three basic principles of scientific accident prevention, and these must be recognized and made a part of any safety program before success can be achieved. These are: (1) The creation and maintenance of active interest in safety; (2) Fact finding; (3) Corrective action based on facts.

This special edition of the Bulletin is dedicated to Y-12's Safety Program. From the full front page which depicts various safety aspects in Y-12's overall work picture, to the very back page where last month's poster winners are announced, articles of interest to safety-minded employees may be found.

From the top of the photographs on page one, where the Central Safety Committee is shown, on down the circle, to the very heart of the display, year-round safety meetings, practices and policy-forming committees are shown.

### Program Demands Individual's Participation

Y-12's Safety Department operates on the philosophy that active participation in a safety program by every employee is the most vital part of its program. Interest can be maintained only in this manner. It is also the belief of the Safety Department that interest in accident prevention is higher when employees sense that their leaders are concerned about safety and give tangible evidence of such interest.

The job of maintaining employee interest in safety calls for ingenuity and the ability to produce, at intervals, something with a "new look." A properly functioning safety program is a powerful factor in building good employee relations and contributes greatly to employee morale. Likewise, good morale is necessary for the success of a safety program.

Supervisory interests in an effective safety program is one of the keys. Once a comprehensive program has been established and approved by management, there must be unequivocal acceptance on the part of supervision. Performance, through accident prevention efforts, will reveal the extent of this acceptance. For supervision interest to continue, however, each supervisor must feel that he is a part of the safety program, and that his accident prevention efforts are supported and recognized by top management. (Plant Superintendent Robert G. Jordan's statement of policy on Y-12's safety may be found elsewhere on this page.)

The supervisor may establish a keener sense of responsibility in his accomplishment of the following:

1. Setting the proper example for employees to follow by personally demonstrating his convictions on safety.
2. Teaching the right way to work through instruction in the best and safest way to perform each job.
3. Lending a helping hand to employees when and where needed, as trouble spots arise.
4. Improving the quality and quantity of work produced by his employees.

### Safety Is Important Part Of Supervision

The supervisor must keep abreast of all phases of his safety program. A close follow-up on all injuries, both minor and serious, tends to create a feeling of responsibility among supervisors that can not be overlooked. The degree of effectiveness of a safety program is directly related to the supervisor's recognition and acceptance of his responsibility, and the manner in which he carries out this important part of his assignment.

Many approaches have been devised to keep employee interest in safety at a high level. The following phases of safety programs have resulted in stimulating and maintaining interest at employee level.

1. Job Safety Analysis.
2. Personal Protective Equipment.
3. Committees. (Supervisory and Employee)
4. Regularly Scheduled Meetings (Supervisory and Employees)
5. Training Sessions
6. Poster and Bulletin Boards.
7. Contests.
8. Publicity.
9. Award Plans.

Regardless of the contents of a well rounded accident prevention program, all phases should concentrate toward one objective—that of producing an organized, effective, and active sales campaign for safety. This includes top management, supervisory personnel, and employees.

The instinct of self preservation is strong in mankind. In addition to pointing this out to employees, other facets can be attached to the importance of safety... a sense of responsibility or pride in a job well done; a sense of humanity (no one really likes to get hurt or see his fellow employee hurt); sense of loyalty; competitive instinct (most people love some form of competition); and a desire for leadership or recognition.

The responsibility for accident prevention, through the medium of a well organized safety program, rests primarily with management. However, in view of the fact that both management and employees are concerned, and because of the difference in status of these groups, the work of creating and maintaining interest varies in nature, scope and methods of application. Creating and maintain-

Continued on Page 6

## Safety Concerns Us All

The matter of safety concerns us all, and a safe operation at our plant can be accomplished only through continual team effort. The thirty accident-free



R. G. Jordan

periods, which have been attained by Y-12 employees over the years, prove that we can perform our jobs safely as a combined unit. Yet, we continue to experience serious injuries. A total of 16 such injuries resulted from accidents in 1961, and three disabling injuries have occurred this year. Unfortunately, some of these injuries, besides resulting in lost time, have produced permanent disabilities to the injured employees.

Visking Company, another division of Union Carbide Corporation, recently enjoyed national publicity when 12,000,000 accident-free man-hours were reached. This means much more than publicity or a mere pat on the back to the Visking employees. It means millions of

man-hours free of pain, worry, and needless expense.

Union Carbide's philosophy, "People Are Our Most Important Asset... Their Safety Our Greatest Responsibility," cannot be over-emphasized. As individual employees, we all should strive to attain the objective of this policy. The benefits to be derived can best be realized by an effective, meaningful safety program; one in which each of us must have a sincere desire to protect ourselves from injury. This desire is a reflection of attitude, and from proper attitude comes effort and action that will result in mutual benefit to all concerned. Fulfilling our safety responsibility is important to us, as individuals, and must continue to be first and real consideration of all of us, not only on the job but wherever we may be.

Let's carry out our safety responsibility with the same determination and sincerity as any of our other job duties, and make Y-12 an enviable place in which to work.

*R. G. Jordan*

Y-12 Plant Superintendent



# Y-12ers Receive Degrees From Tennessee Marking Efforts 'Above And Beyond' Duty

Graduation exercises at the University of Tennessee last Thursday, August 23, featured several Y-12ers getting hard-earned degrees. Taking full advantage of Carbide's Educational Assistance Program, these employees gained their coveted degrees while working full-time. No small accomplishment in itself, the degree work



Ronald V. Miskell



Joseph D. Sherrod

## Safety Awards Are Many And Varied

The Safety Department has announced the awards to be distributed to employees for the 30th period of no lost-time accidents in Y-12, including dates from March 22 through August 7. The 18 items listed are shown below:

**Wallace Stainless Tableware set** (24 pieces—lifetime guarantee)  
**Kitchen Tool Set**, Stainless, six pieces

**Auto Seat Belt**, one (with option to buy another one at discount price).

**Lawn Sprinkler**  
**Electric Heating Pad** with three positive heats

**Soldering Gun**, dual heat  
**Baby Ben Alarm Clock**, key-wound with luminous dial

**Two life vests**, for children  
**Scotch Cooler**

**Chatham Blanket**, 72x90  
**Two Stadium Seats**

**Women's Umbrella**  
**3 Gal. Garden Sprayer**

**Indoor TV Antenna** (for UHF/VHF and FM Stereo)

**Bathroom Scales**  
**Two Sheets** (double size) and **one pair Pillowcases**, Cannon

**Zip-A-Robe**, 50"x60"  
**Folding Charcoal Grill**, with three-piece barbecue set

Pictures of the handsome articles will be shown in next week's Bulletin, and the articles will start rotating at the various portals for display this week. The distribution of cards will be made shortly also.

## Too Tired . . . Too Tired!

The newly-married husband trudged home exhausted from a gruelling day at the office. His bride sympathized. "Dear," she said, "you look so tired and hungry. How would you like a nice steak with baked potatoes and sour cream, a superb salad and some delicious pie?"

"Not tonight, dear. I'm too tired to go out."

was accomplished by the young Y-12ers mainly in the Evening School and Graduate School at UT.

Tool Engineering's Ronald V. Miskell took his Master's Degree in Nuclear Engineering, which supersedes his business and engineering administration MS from Illinois Institute of Technology, Chicago. He holds a BS degree in mechanical engineering from Illinois Tech also. He had previously attended the University of Illinois, Chicago extension.

Miskell, a native of Chicago, came to Y-12 June 18, 1958. He is married to the former Barbara Jean Tholen, and they live at 5604 Cliffwood Road, Knoxville (in Cumberland Estates). The Miskells have one son, Michael Stephen.

The young engineer plans to add additional graduate work toward his PhD at the University in the future.

### Sherrod Takes BA

Another degree-taker last week was Joseph D. Sherrod, Beta Four Operations, who gained a BA degree in personnel management. Sherrod had attended Tennessee Polytechnic Institute, Cookeville; and Tennessee Wesleyan College, Athens. Almost a native Oak Ridge, he came to the Atomic City while still a child and attended grade school and high school here. He was born in Knoxville, but moved to Oak Ridge at an early age. His father, Harold Sherrod, was formerly in the Training Department at the Oak Ridge Gaseous Diffusion Plant.

Sherrod married his high school "steady" Karen Ann Reynolds. They live at 105 West Dalton Road, Oak Ridge, with their four-year-old son Scott.

### Reedy Graduates Too

Kenneth H. Reedy also received a degree in ceremonies last week on "The Hill" and details on his accomplishments will follow.

Y-12 takes off its hat, collectively, to the mortar board set in our midst. As Plutarch said: "Perseverance is more prevailing than violence; and many things which cannot be overcome when they are together, yield themselves up when taken little by little."

## Y-12ers Celebrating 15, 10 Year Anniversaries

Congratulations to the following Y-12ers who will observe 10-year anniversaries within the next few days. No 15-year anniversaries were shown for this week.

### 10 YEARS

**Cornelius C. Verboom**, Alpha Four Cascade Operations, September 2.

**George C. Jones Jr.**, Alloy Shop, September 3.

**Roscoe F. England Sr.**, Beta Four Operations, September 3.

**Aurtha W. Mastin**, Janitors Department, September 4.

## SAFETY SCOREBOARD

The Y-12 Plant Has Operated

18 Days Or 549,000 Man-Hours

(Unofficial Estimate)

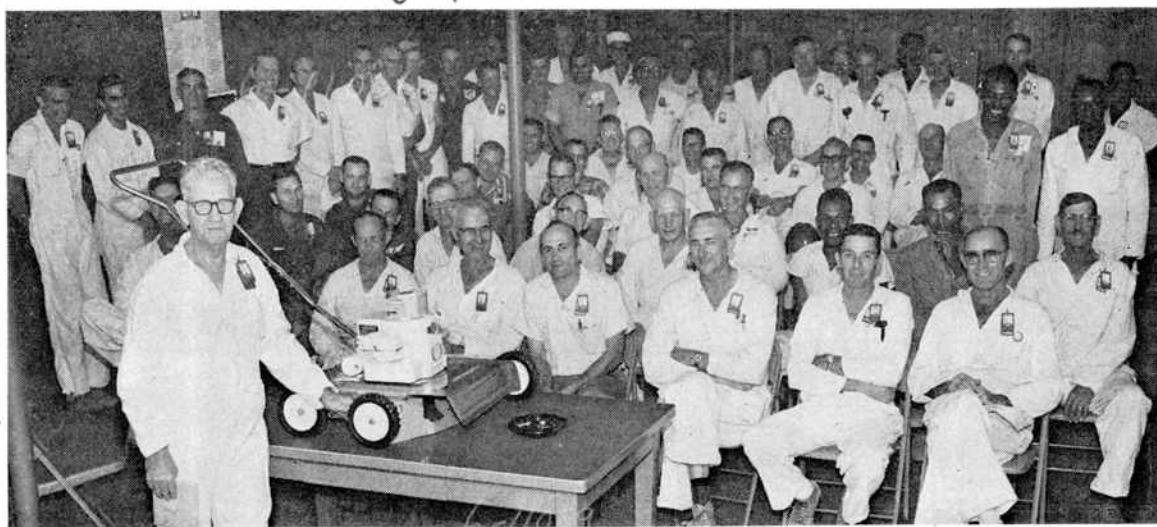
Without A Disabling Injury

Through August 26

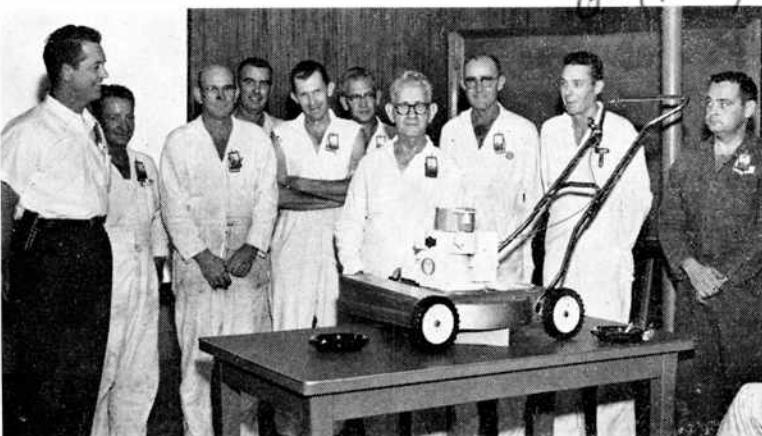
Phone 7755

For Daily Report

On Accident-Free Hours



ALL THAT'S NEEDED IS SOME TALL GRASS, so that Oscar D. Fields can try out his new lawnmower. He is seen with his group from Area Five Maintenance, who congregated last week to give him their best wishes on his retirement. Fields leaves Y-12 Friday with more than 11 years company service.



PART OF OSCAR FIELDS' associates in Area Five gather for a closer view and to bid a fond farewell to the retiree in Building 9212 last week. From left are K. C. Fritts, J. J. Calloway, C. J. Mitchell, D. E. Floyd, F. F. Orme, C. W. Reordan, Fields, A. D. Cotton, A. L. Rainwater and J. P. Furlong.

## Area Five's Fields Retires This Month

### Pipefitter Native Of Baxter, Tennessee

Retiring Friday, August 31, is Oscar D. Fields, pipefitter in Area Five Maintenance. He becomes the ninth retirement of 1962, and the 105th Y-12er to retire since Carbide began operations here in 1947.

The retiring Fields, or Odie, as he is known, was born in Baxter, Tennessee. He says he has done pipefitting and carpentry work all his life, but plans to "baby farm" in the future. He owns about 15 acres at Route No. 1, Cleveland, in Bradley County.

The native Tennessean worked briefly during 1929-31 with Tennessee Eastman Corp., Kingsport and from 1931-1940 with the Tennessee Central Railroad Co., Emory Gap. After a brief stint with the Tennessee Products Company, he returned with the Tennessee Central Railroad until 1946. He worked with Rymer Stove Company, Cleveland, and the E. I. du Pont de Nemours Company, Chattanooga, before coming to Oak Ridge in 1947. He worked with Roane-Anderson, Maxon Construction Company and J. A. Johnson & Sons before coming to Y-12 June 11, 1951. He leaves Y-12 with 11 years, two months company service.

He is married to the former Robbie Mae Gentry. The Fields have four children: Dalton Fields, Cleveland; daughters: Thelma F. Robinson and Reba F. Golden, Cleveland; and Od May Fields, Lenoir City. They live at 411 Eighth Street, Lenoir City, but plan to sell their home and move to the "farm." Six grandchildren brighten the Fields family reunions.

### Presented Lawnmower

In a brief ceremony last week in 9212, fellow employees in Area Five honored the retiring Fields. Leading the send-off was K. C. Fritts. A handsome 21 inch lawnmower (the powered kind) was presented Fields. In accepting the mower with appreciation, Fields said it was just the thing for his 200 by 200 foot lawn on the farm.

The retiring Fields, who belies his 65-year age (he reaches normal retirement age, tomorrow, August 30) stated he had enjoyed his associations in Y-12, and wanted his friends to come on down to the country to visit.

### Qualifies For Benefits

He has more than the necessary 10 years to qualify for benefits under the Union Carbide Pension Plan, and is also a participant in the voluntary Retirement Plan.

He takes with him the very best wishes of his fellow employees for health and happiness, and many years of retired life.

### MANY MACKEREL

If all eggs laid by a single Spanish mackerel — two million at a time — were to hatch, they'd outweigh the earth seven times in four generations.

## Development's Troika Earns Patent Application On Oxidometer Design

The latest patent application award in Y-12 is a three-man combination job, produced in the Development Division. Robert W. Johnson, Ceramics and Plastics Development; John J. Henry and James B. Mankin Jr., Engineering Physics Development, jointly filed the application on an oxidometer.

Henry, a physicist, describes the development as an instrument that determines the remaining useful life in a cooling or lubricant oil which records the dielectric constant of oil in transformers and motors. The battery-powered device has already proved its worth in the plant.

The young physicist is a graduate of Lincoln Memorial University, Harrogate, Tenn., holding a BS degree in Physics from there. He also attended the University of Florida, Winter Haven, Fla. Married to the former Audrey Mae Duffield, he lives at 105 Audubon Road, Oak Ridge. Henry served in the United States Ma-

rine Corps from 1949 until 1952. He is a native of White Pine, Tenn., and came to Y-12 September 27, 1954.

Engineer James B. Mankin Jr., a native of Chattanooga, holds a BS degree in electrical engineering from the University of Tennessee, and has done graduate work there. Formerly with the Tennessee Valley Authority, Mankin came to Y-12 September 26, 1960. He is married to the former Anne Howell, and resides at 106 Paine Lane, Oak Ridge.

Completing the troika is Chemist Robert W. Johnson, a native of Milwaukee, Wisconsin. Johnson holds an MS and BS degree from the University of Wisconsin, Madison, in physical chemistry. He also has done work toward his PhD at the University of Tennessee. Married to the former Joanne Gates, he lives at 105 South Seneca Road, Oak Ridge. He came to Y-12 February 20, 1956.



RECEIVING JOINT DOLLARS for their contribution to the development of an Oxidometer are John J. Henry, James B. Mankin Jr., and Robert W. Johnson. Plant Superintendent Robert G. Jordan awards the patent application letters, as William A. Pfeiler, Engineering Physics, looks on holding a model of the instrument. The device is described as an instrument to determine the remaining useful life in a cooling or lubricating oil.

Continued on Page 6



# The Bulletin

Published Weekly For The  
Y-12 Employees Of  
**UNION CARBIDE**  
NUCLEAR COMPANY  
Division of



UNION CARBIDE CORPORATION

JAMES A. YOUNG ..... Editor

## OFFICE

Post Office Box Y  
Oak Ridge, Tenn.  
Bldg. 9704-2 Room 149  
Telephone 7109

## Larry Shultz Is Now Set For Naval School

**Wins Scholarship At Academy Of Music**



Larry Lee Shultz

Buttons popping around the S. T. Shultz household—these days are caused by son Larry L. Shultz, and his appointment to study music. After finishing basic training at Ft. Gordon, Georgia, Larry received a scholarship to study at the Naval Academy of Music in Washington, D. C.

The Naval Academy receives candidates from all branches of service, and is considered one of the finest music schools in the country. After completing their studies, the men go back to their original outfits. Bandmanship, composition, and advanced techniques are all taught at the school.

The Shultzes live on Sherwood Drive, Powell. The proud father is in Y-12's General Machine Shop.

Larry began taking trumpet lessons while in the seventh grade. He graduated from Clinton High School in 1962, after serving four years there in the high school band.



Ride wanted or will join car pool from Wakefield Road, off Kingston Pike, to East or Bear Creek Portal, straight day. Richard Spear, plant phone 7395.

Ride wanted or will join car pool from Concord to any portal, F Shift. E. H. Mowery, plant phone 7-8602, home phone Knoxville 966-2792.

Riders wanted from Maryville, via Lenoir City, to any portal, straight day. Walter W. Pugh, plant phone 7-8066, home phone Maryville 982-1443.

Ride wanted or will join car pool from Cumberland Estates, to East, North or Central Portal, straight day. R. A. Riordan, plant phone 7-8265, home phone Knoxville 588-2298.

Protect classified information.



There are hosts of vacations to talk about, babies to announce, and other activities to relate. First off, in

**FINANCE AND MATERIALS**  
In Cashier and Travel it's learned that Wanda Hawn vacationed this week at home in Oliver Springs.

Property has N. L. Ensor vacationing this week with a short camping trip into the Smokies planned.

Timekeeping tells that Bill Moles and his family are vacationing in Gatlinburg.

Microreproduction and Engineering Services had folks attending the Ice Follies over in Knox last week, including Frances Patton and Anne Fitzgerald.

Another flash has it that J. K. Chance and his wife also took in the Follies.

Material Control comes in with news of Sarah Corum vacationing this week in New Burlington, Ohio. Bill Stegall decided to visit parts of North Carolina and Virginia.

The only kick some people get from life is from behind.

## MECHANICAL OPERATIONS

The General Machine Shop has J. S. McCarty and H. G. Richards both planning trips to Mississippi to visit various relatives on vacations. Dan Murphy and family are going to camp out at Hamilton County Park on Chickamauga Lake. They also plan to take a couple of trips into the Smokies during the week.

J. F. Harvey plans a trip to Fredericksburg, Va., to visit his son and family. R. L. Luttrell is going to spend his vacation at home in Lenoir City. K. A. Schumaker is still undecided as to whether he will take a trip or stay at home on his vacation.



Sherrie Elaine Williams

Bob Williams and his wife Reba are the proud parents of a new baby girl. Here she is. She is Sherrie Elaine, who weighed five pounds, 14 ounces upon her arrival. Bob is in Special Mechanical Production.

Other news from thataway has D. E. Parten, G. J. Wall, A. T. Bradford, and W. R. Yadon, ailing. H. W. Dickenson is camping out in the Virginia hills on his vacation. L. A. Brooks spent his at home working. W. J. McPeters is going on vacation with an unknown destination, unknown, that is, to fellow employees.

Those new weather satellites will probably help forecasters make wrong guesses quicker.

## INDUSTRIAL RELATIONS

Wage Standards 'lows that Loren Lawhorn and his family went over to Pickett State Park last week, reported a fine time had by all.

Employment had Jane Brown on vacation in Florida last week.

The Cafeteria is congratulating the George McNamees over their new granddaughter, Kimberly Ann, born to Mr. and Mrs. David Graham, August 4. Mrs. Graham

is the former Ann McNamee. Sympathy is extended to W. E. Colvard due to the death of his mother, August 14. Madeline Tackett decided to spend two glorious weeks at Daytona Beach, Fla. Verna and Paddy Peckman had as their guests recently, Mr. and Mrs. W. C. Peckman from McKeesport, Pa.



Darrell Northcutt

Here's Liz's latest contribution, and a good one at that! He is little Darrell Northcutt, age three and one-half, and the grandson of Captain E. F. Greer, Fire Prevention. The mother, or Greer's daughter is Beverly Northcutt, while Joe the father works in ORNL's Analytical Laboratory. Sympathy is extended to A. L. Rosenbalm whose brother passed away in Virginia recently.

Why doesn't someone invent a detergent that will prevent a telephone ring in the bathtub?

## TECHNICAL

Statistical Services states that a "complete" surprise dinner party caught Professor Al Lasater off guard last week, as the group got together at the Rathskeller in K-ville to honor Al, as he leaves the stately confines of Y-12 to take up duties in the ivy-covered walls at UT to teach. Good luck, Al! Best wishes to Tom Harvey, ill in Oak Ridge Hospital. Dan Hawxhurst vacationed recently with his family

down at Pete Smith's place on Watts Bar Lake.

Radiation Safety has Dixie and Don Stinnett vacationing on Watts Bar Lake last week. Roy Roberts is returning to his old home state of Missouri for a visit while vacationing.

No more him and no more her... they tried to kiss at sixty per.

## UTILITIES AND SHIFT SUPERINTENDENTS

Vacationers around the grounds include F. P. Smith who is proudly finishing his new home. E. S. Smith, putting in his gift shop, and gathering eggs from his chicken farm. C. E. Welch plans a vacation of rest and fishing.

Just happening by with a memo slip was J. Y. Burchfield, saying he was off on a "honey-do" vacation. H. N. Henninghoff and family took off to Cape Hatteras for a fishing vacation. J. L. Fincham and family journeyed to New England for a nice tour. Congratulations to the B. G. Dyer family, proud parents of a new son arriving on August 16.

The entire division welcomes back R. G. Hurst who has been stationed in Germany with the Air Force.

Teen-agers have lots of drive these days... they seldom walk anywhere!

## MAINTENANCE

Process Maintenance flashes in word that Ed Symons became a proud grandpop August 15, 1962, when little Terry Allen put in his appearance weighing eight pounds, three ounces. W. W. Onstott decided to visit friends in West Virginia for a fun-filled vacation. J. W. Fox just lolled around home, doing odd chores.



Anthony George Sewell



Tracy, Al and Jay

These four young men are the grandsons of John Sewell, Machine Maintenance. Their pa works in Y-12 too, in Dispatching, but did not get his hands on the above pictures until grandpa did. The latest addition to the Sewell family, Anthony George Sewell arrived in Oak Ridge August 8, at 10:12 p.m. He weighed eight pounds, and five and one-half ounces, and is already at home ready to join the basketball team. Research Services tells that E. J. Rodgers is going to enter two horses in the National Horse Show Celebration at Shelbyville, Tenn. Also while on vacation he will attend his son's wedding. The Department sends best wishes for speedy recoveries to C. E. Harris, B. C. Harrington, F. W. Sutton, and G. W. Potts.

Also from Research Services it's told that Keith Martin spent his vacation at Myrtle Beach. Mary LeCroy took a quick trip to Birmingham during her vacation, then spent the rest of the time at home. L. R. Bledsoe is real proud of his children who have won many awards during the summer at various horse shows. Their latest wins were at the Oak Ridge Horse Show.

Area Five Maintenance welcomes in Fay Williams. Condolences to the family of H. N. Millican in the recent death of his son. R. F. Noah reports he had a fine time down in St. Petersburg, Fla.

C. E. Dalton said that it kept him busy moving his lawn chair from one shade tree to another during the week of vacation up in Kentucky. Get well wishes to W. B. Eisenhower who is convalescing at home around Kingston, also to H. S. Bartless. C. E. Wilson is on vacation around Kingston, no particulars left with the group as to what he had planned to do. C. R. Eichelberger and his family are enjoying two weeks visiting in the old home town of St. Louis, Mo.

Continued on Page 6



AUGUST 9 AND AUGUST 10 were "red-letter" days for Katie W. Lazar (formerly Katie Williams) of SS Control Department. Thursday, August 9 was Katie's 19th anniversary in Y-12; she terminated Friday, August 10, to housekeep. The popular Mrs. Lazar and her husband (Norman, ORNL's Thermonuclear Division) have purchased a lot on Watts Bar Lake (next door to Engineering's John Snyder's estate). Friends gathered in SS Control recently to bid Katie good luck. From left are Evelyn Bell, Katie W. Lazar, Asa Gentry, Nancy Garrison, Joe Beever, Bea Cameron, Madeline Franklin, Charlie Gillihan, Jim Anderson, and SS Control Supervisor Charles L. Pigott. The Lazars live at 410 Virginia Rd., Oak Ridge.



## Hines, Maddux Tie On Greens In Gatlinburg

Art Hines and Bill Maddux, both ex-winners in Y-12 golf tournaments, came up with a tie in the Gatlinburg meet last Saturday, August 25. A total of 99 Y-12ers fired off from the Smoky greens. The Hines and Maddux score was 74 each.

Other scratch scores in the first flight were W. T. Mee, 76; Sewell Brown, 77; and George Wylie, 78. Both W. T. Arrowood and Eddie Roberts came up with a 79 each. Handicap winners in the first flight were Bill Maddux, 69; George Wylie and Eddie Roberts, 71; and Joe Pryson, 73. Most pars were registered by Frank Kennedy with 13 and Irv Speas and H. H. Pratt with 11 each.

### SECOND FLIGHT

In the second flight Floyd Ludwig fired an 80 scratch for low in this division, followed by George Mitchell, 84; Jim Cook, 87 and Joe Comonlander, 88. Handicap lows were Clarence Larson, 70, W. R. Hicks and Paul Braden, 74 each; and C. A. Moore, 76. Most pars were counted by Clyde Bowles who took 11 and Tom Perry with eight.

### THIRD FLIGHT

Jim Wiley took the third flight, scratchwise, with his low 91, followed by Paul Trebilcock and Joe Feeman with 96; Carl Redding with 98. Low handicappers were Jack Gamble, 75; John Evans, 77; and Bill Brown and Frank Winstead, each with 80. A three-way tie for pars resulted as Jack McLendon, B. B. Stanton and L. E. Burkhart all registered in with five each.

### FOURTH FLIGHT

Taking the scratch side of the fourth division was Joe Youngblood with 94, followed by Roy Worley, 100; Ed Del Grande, 102; and Jim Hensley, 103. Handicap winners were W. T. Tedder and C. A. Sparks, with 74 each, Hugh Caudill's 80; and Jim Abele's 82. J. R. Parker got four pars and Bill Mattingly took two.

This was the fifth Y-12 golf tournament of the year, and the final tournament for Y-12 duffers. Meanwhile, applications are being received in the Recreation Office for the All Carbide Event, set for Saturday, September 15, at the Gatlinburg greens. Applications for foursomes have appeared in the past two issues of the Bulletin.

## Mixed League Needs Male Team Members

Men bowlers are needed for the Mixed League for Y-12 bowlers, now forming. Although women are needed also (two men, two women comprise a team), more males are needed at the present time.

Action is set for around the middle of September, with Wednesday at 8 p.m. as the alley-time for the mixed leaguers.

Bowlers wishing to enter competition in the Mixed League, either by team, or as individual, should call Recreation, telephone extension 7109.

## Lifesaving Equipment Vital To Boatmen

Almost 81 per cent of those who died in recreational boating accidents lacked lifesaving equipment, according to a Coast Guard study of 737 fatal boating mishaps. Two-thirds of the persons equipped with lifesaving devices were rescued, while only one-third of those not equipped survived. While adequate lifesaving devices cannot guarantee survival in every boating accident, they are no good at all if unavailable when needed.

Display your badge properly while inside the plant.

## Akers-Sinclair Are Still Numero Uno

### Putt-Putters Keep A Spotless Record

The two Bills (Akers and Sinclair) continued their spotless record in the Putt Putt League for Y-12 golfers last week. They marched handily over Ralph Pearson and Art Hines, defeating them by 15 strokes. They also had all the aces, firing holes-in-one for Akers on holes two, six, and 14, for Sinclair on four and 13.

The Cusman-Gilliland pair went down before the hands of Porter-Harte by 15 strokes. No bull's-eyes were fired in this match by either team. The Isham-Boswell team lost by two strokes as more substitutes showed than regular players. J. Markland and C. C. Roberts substituted for Seviere and Kendrick and Athala Markland subbed for Virginia Boswell. Athala started the match off big by firing an ace on hole number one!

A make-up match proved to be a good game, as Pearson-Hines downed Porter-Harte by only two strokes. Aces were scored by Harte on hole seven and by Pearson on hole six.

Sterling Ryder and Loyd Wyatt defeated the Bishop-Massey duo by three strokes as Wyatt fired aces on six, nine and 14; Ryder gaining one on hole number one. Cantrell-Young handily defeated the Campbell-Waddle pair (with Ed del Grande pinch-hitting for Campbell.)

League standings follow:

Team	W	L
Akers-Sinclair	6	0
Hines-Pearson	5	1
Wyatt-Ryder	5	1
Bishop-Massey	3	3
Young-Cantrell	3	3
Kendrick-Seviere	2	4
Campbell-Waddle	2	4
Porter-Harte	2	4
Cusman-Gilliland	1	5
Isham-Boswell	0	6

## Rifle League Sets Opening Sept. 5

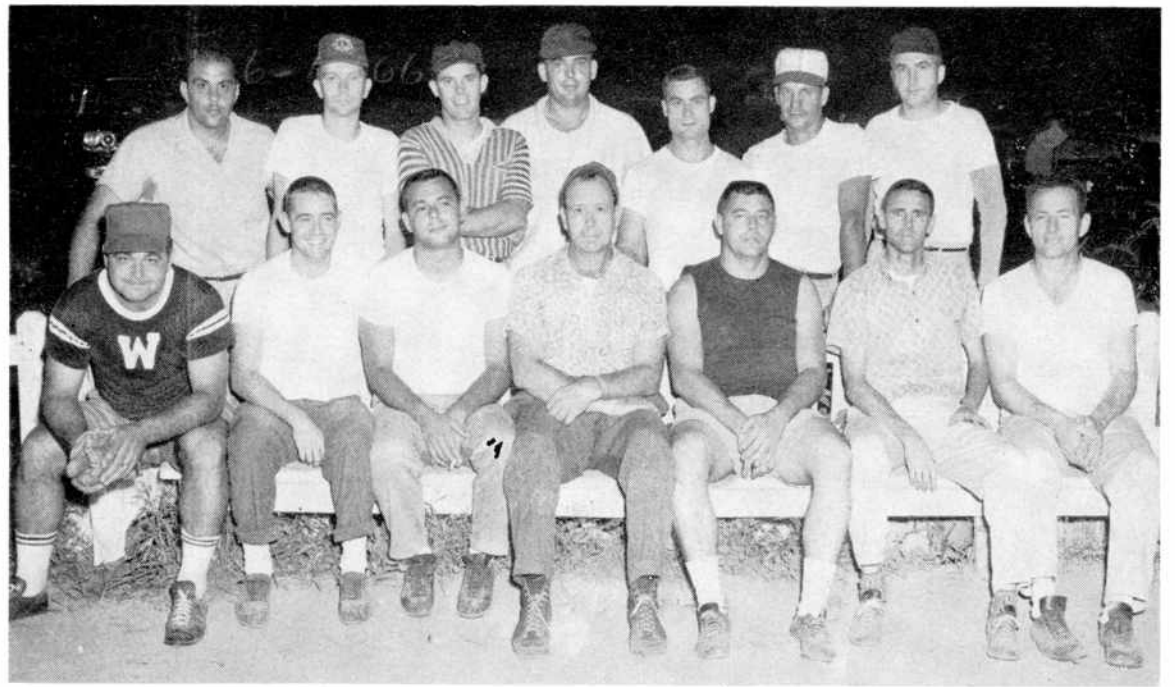
The Carbide Gallery Rifle League will kick off the fall and winter season with the first match scheduled for Wednesday, September 5. Firings, set to commence at 7 p.m., will again be held at the Anderson County Gun Club indoor range in Clinton.

The 12-week league session will be registered with the National Rifle Association and scores fired will be credited towards NRA members individual qualification ratings. A \$2 registration fee covers the NRA registration as well as trophies for the scratch and handicap winners.

All Y-12ers are invited to participate in the league firing. Shooters not having their own equipment can borrow them from the host gun club. More information can be had by contacting the Y-12 Recreation Department, telephone 7109, or Bert Searles, on extension 7-8265.



BRINGING BACK A FISH STORY and a half from the West Coast (with a picture to prove it) is George Cotter, Fishing Department. The 62 fish caught in the blue waters of the Pacific weighed a total of 156 pounds. From left are Arnold, James and George Cotter (Arnold and James are George Cotter's sons) and a friend, Fred Hester.



THE UNDISPUTED SECOND SPOT for champions goes to the Y-12 Shifters, who did rather well in their first season in the Slo-Pitch League for Carbiders. The deciding play-off games last week gave the Shifters claim on the second slot in the entire league. From left, seated, are Jim Grubb, D. E. Perkins, C. S. Sliger, D. G. Lincoln, M. E. Thompson, R. F. Rutherford and A. C. Wright. Standing are J. M. Chapman, Bill Everitt, Bob Roe, John Peters, Manager Bill Grubb, T. C. Pack and Ken Sommerfeld.

## Red-Gold Teams Hanging Onto Lead

### Archers' League Is Into Home Stretch

The Red and Gold teams in the Carbide Archery League tied last week for high scratch scores, tallying 441 each. High individual scores were racked up by F. E. Lynch, ORNL, with 290.682 and individual scratch honors went to L. Hilemon, ORGDP, with 241. High team handicap totals went to the Gold team with 579.137.

Standings remain static with the Red team leading in scratch status, and the Gold team ahead in handicap standings.

Scratch standings follow:

Team	Points
Red	40 1/2
Blue	26 1/2
Green	26
Gold	22
White	18 1/2
Black	13 1/2

Handicap standings follow:

Team	Points
Gold	40
Green	30
Blue	29
Red	20
White	15
Black	13

## Y-12ers Are Chosen On All-State Team

Three Y-12ers have been chosen on the All Star Slow Pitch team, recently picked in Nashville. Ernie Collins, pitcher; J. E. Check, first baseman; both with the Oak Ridge Independents; and Gene Huskisson, first baseman, playing with the Knoxville Motor Transit Company.

Report security discrepancies.

## Y-12 Shifters Take Second Slot As Slo-Pitch League Folds Tents

The last half of league play in the Slo Pitch League for Carbiders got in its last gasps last week. The Y-12 Tabs tangled with the Y-12 Generals, and lost. The Generals won 9 to 4. Manning homered for the winning Generals, while Bass was the big bat for the Tabs with a triple. These teams, believing that games were 'good to the last drop,' played despite the fact that no championship was involved.

Line scores	R	H	E
Generals	9	14	7
Tabbs	4	6	4

Batteries: Generals: Law and Money-maker. Tabs: Lucke and Childress.

The Fly-Swatters also played their final game of league play as they defeated the Generals 16 to 1. Cates homered for the winning team, while Box and Slattery took triples. Huston hit a four-bagger for the losers to account for their only score.

Line scores	R	H	E
Fly Swatters	16	21	1
Generals	1	4	6

Batteries: Fly Swatters: Box and Carter. Generals: Clabough and Gregg.

Y-12's E Wingers took the first half of league play by virtue of their play-off win over the ORGDP Codgers last week. They clipped the Codgers 9 to 6. Hall homered for the winning Codgers, while triples were earned by Whittlesey and Harrison. Hyatt hit two triples for the losing

Wingers.	R	H	E
E Wingers	9	15	1
Codgers	6	11	4

Batteries: Whittlesey, Hammes, and Kitchens. E Wingers: Sise and Hyatt.

Thus two Y-12 teams were locked for definite clutch on second place in league standings, the E Wingers winning the first half . . . and the Shifters taking the second half uncontested.

Two games out of three were decided as the champion-makers . . . and the Shifters took both of them. The first game was played at Pinewood and the Shifters salted it away 9 to 7. Maddox was the only homer-hitter for the winners, while Overton poled one for the losers. Hyatt and Smith tripled for the losers, while Thompson and Cheek had long doubles for the winning combination.

Line scores	R	H	E
Shifters	9	14	3
E Wingers	7	13	5

Batteries: Shifters: Rutherford and Peters. E Wingers: Sise, Hyatt and Leake.

The scene shifted to Jefferson for the second game . . . the Shifters taking that one easily 11 to 3. Smith and Gaylor knocked homers for the losers, while Maddox and Thompson poled them for the winning Shifters. Roe was the strong man with the stick also getting a triple and a double.

Line scores	R	H	E
Shifters	11	15	1
E Wingers	3	7	3

Batteries: Shifters: Thompson and

## Many Putters Are Locked Up For Lead

### Winstead - Collins Lose First Match

A four-way tie for first place exists in the Monday Putt League for Y-12 miniature golfers, according to play last week.

A forfeit was taken by Roberts-Cole over Brown - Youngblood. The Winstead - Collins dropped their first league battle to Scott-Davis, who picked up their first victory. Collins took an ace on hole six as did Buddie Scott. The nip and tuck score saw the Scott-Davis pair win by only two strokes . . . total score was 92-90.

Gamble-Stout took a win over Boyd-Myers by six strokes. Gamble had two aces, one on hole 9, and one on 11. Boyd took a bull's-eye on hole one, while Stout took one on hole 14.

Team	W	L
Winstead-Collins	3	1
Cole-Roberts	3	1
Gamble-Stout	3	1
Myers-Boyd	3	1
Scott-Davis	1	3
Brown-Youngblood	0	4

## Quarterly Rodeo End Draws Nearer

Summer anglers are reminded that the current Fishing Rodeo is drawing nigh unto its deadline. The rodeo began June 16, and extends through Monday, September 19. Eligible species in the contest are smallmouth, largemouth, striped bass, walleye, sauger, crappie, trout, bream or bluegill.

A few entry blanks remain in the Recreation Office. A fish may be entered in the quarterly rodeo as well as the annual fishing competition. The annual entry, however, must be accompanied by a photograph of the catch.

Pack. E Wingers: Hagood, Mingie and Hyatt.

Final league standings:

Team	W	L
Kentucky Wonders	10	0
Shifters	8	2
Codgers	6	4
Atoms	5	5
E Wingers	5	5
Eagles	5	5
Tabbs	5	5
Fly Swatters	4	6
Generals	3	7
Whiffers	2	8
Slip Sticks	2	8



BULK RATE  
U. S. Postage  
**PAID**  
Oak Ridge, Tenn.  
Permit No. 71

**UNION CARBIDE  
NUCLEAR COMPANY**  
Division of  
**Union Carbide Corporation**  
Post Office Box Y  
Oak Ridge, Tennessee  
RETURN POSTAGE GUARANTEED

POSTMASTER: DO NOT FORWARD. IF ADDRESSEE HAS MOVED,  
RETURN TO SENDER IMMEDIATELY.



**THE PRIZE WINNING** Tennessee State National Guard Rifle Team, shown here, walked away with all the honors at a recent match at Fort Campbell, Ky., competing with teams from all over the South Central Region. At the left, kneeling, is R. J. Spurling, Electrical, and at right is Jack L. Huff, Engineering Physics. The other riflemen are not identified.

## National Guard Crack Rifle Team Takes Honors At Ft. Campbell; 2 Y-12ers Shoot

Two Y-12ers are members of a Tennessee State National Guard Rifle Team that recently took honors in the South Central Regional matches held at Ft. Campbell, Ky. They are R. J. Spurling, Electrical; and Jack L. Huff, Engineering Physics.

The crack rifle outfit won over five reserve teams, twelve regular service teams and three civilian groups of riflemen. Staff Sergeant Spurling, who is classified

as a "Master," scored 972 out of a possible 1000 points in the match. He qualified as first master in the 200-yard standing, 500-yard slow, and aggregate events and as second master in the 500-yard slow and International Shooting Fund events.

As a result of their fine shooting, the State received a trophy and each team member received a silver medal. In addition, Sgt. Spurling also collected a trophy in the aggregate event.



**JULY'S POSTER WINNERS** accept their bounty in "Fire Prevention" competition. From left are Calvin W. Lunsford, Research Services, who captured first prize, and Shirley Hendrix, Oak Ridge National Laboratory's Reactor Division. Hubert L. Barnett, Maintenance Division, makes the presentations. August's race, which ends this Friday, August 31, features as a theme "Industrial Hygiene" and offers a man and woman's wrist watch as prizes.



Continued From Page 4  
Electrical finds B. M. Cox and W. M. Akers vacationing around home with no special plans . . . R. E. Seivers and family will visit his wife's kinfolks up Kentucky way . . . A. T. Wallace will be vacationing to get acquainted with his baby son Gregory Lynn who weighed seven pounds, six and one-half ounces on his arrival at Oak Ridge Hospital, August 19.



**Gregory Evan Cook**

Here's at least a different twist on a baby picture. This youngster, Gregory Evan Cook has a great-grandfather in Y-12. This tot was born August 12 and is the son of the grandson of C. W. Hillon, Research Services.

Sympathy is extended to T. E. Rogers and family on the recent death of his brother.

Get well wishes are sent to J. F. Johnson and F. B. Parrott. In addition, speedy recovery wishes are sent to the son and nephew of W. H. Pool, who were recently involved in a boating accident . . . R. C. Blevins is trying the life of a gypsy on his vacation. He'll be touring through Florida for two weeks.

Let's can the chatter and go to Knoxville!

## Development Troika

Continued From Page 3

The three-man development earned each of the men a customary dollar award from Vice President Clarence E. Larson's office. The application was received during the month of July, but due to business trips, vacations, etc., the awarding of the letters was not made until last week. The awards were made in Y-12 Superintendent Robert G. Jordan's office, with William A. Pfeiler, head of Engineering Physics on hand to pass out the honors.

## MIT Visitor Will Hold ORNL Seminar Today

The Oak Ridge National Laboratory Physics Division will have no seminar Friday. Instead, they announce one for today, August 29, at 3:15 p.m. Carl Shakin, research participant from Massachusetts Institute of Technology, Cambridge, Mass., will discuss "On Model Calculations of Neutron Widths and Strength Functions."

The seminar is scheduled to be held in the Central Auditorium, of ORNL's 4500 building.

## 80,000,000 Safe Man-Hours Over 14 Years

Continued from Page 1

ing this interest must not be left to chance, but planned efforts, under the guidance of the plant safety staff, must be directed toward obtaining the greatest active participation in the program. The greater the employee participation, the more effective it will be. Effective methods must be devised and applied that are suited to the particular industry and which can be depended upon to produce satisfactory results.

After all is said and done the



**ANOTHER MEMBER OF THE 'HORSEY' SET** takes honors as little Nancy Holmberg, 10-year-old granddaughter of Lula B. Justice, Mail Department, takes first place honors at the Anderson County Fair in Clinton, in the Western Parade class. Her mare, "Glass Slipper," here trying to bite the moon, won first place in the mare and colt division, and the Western Quarter mare class. She has taken 24 ribbons thus far in 1962. The Holmberg children have 10 ponies in addition to the highly honored "Glass Slipper." Clinton's Cathy Brown presents Nancy her silver cup.



**ACCEPTING THEIR TROPHIES** in the recent Horse Show in Oak Ridge are Ronnie and Douglas Bledsoe, sons of L. R. Bledsoe, Research Services. They have won several prizes during the summer at various horse shows, and took the first and second places in the barrel racing stakes at the big show. Ringmaster Ira Shotts, Timekeeping, and an unidentified flower girl make the awards.

## 'Horsey' Set Sees Awards Right And Left To Children Of Y-12ers

The recent Horse Show held at the East Tennessee Riding Club's grounds was one of the most successful ones yet shown. Many children of Y-12 employees placed high in the blue ribbon and loving cup competitions.

Taking third place in the pony, working-hunter class was Darylenn Cunningham (daughter of Daryl Cunningham) and capping second place in the same competition was Sally Snyder (daughter of H. G. P. Snyder). Darylenn rode Way Out, Sally showed on Gobbler.

Maribel Watson, daughter of George M. Watson, took third place on Big Bad John in the equitation one jump class . . . Sally Snyder on Gobbler again took second place.

Taking first place in the hack type pleasure class it was Sally Snyder and her Gobbler. Sally also took fourth place in the balance seat equitation race.

Jimmy Abbott's "My Little Friend" took first place in the pleasure pony showings. She was ridden by Dot Ruley. Jimmy is the son of Norman Abbott. Jimmy also took sixth place in the Western pleasure class.

Mrs. Lula Justice's grandson, Douglas Holmberg took the first prize in the costume division. He rode the Holmberg horse Ginger.

## India Farm Leaders Visit UCC's Building

Nine farm leaders from India recently visited Union Carbide's New York building to learn about Carbide's extensive agricultural chemicals research program. They also were told how Carbide's agricultural chemicals could be used to improve Indian crop productivity. The farm leaders are on a three-month tour of the major farm areas in the United States.

## Fall TV Schedule Will Include Carbide Spots

Union Carbide takes to television again this fall and winter. Viewers will see Prestone and other Carbide products advertisements on "The New Jack Paar Show," "Wagon Train," "CBS Reports," "Eyewitness," "Laramie," and "Alfred Hitchcock." The campaign will introduce the theme "Prestone Anti-Freeze . . . For the man who looks ahead."